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1058 U.S. PATO

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Express Mail Label No.: EL 823 500 372 US

Case Docket No.: 2000P09073 US01
Date: December 14, 2001ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231
Box PATENT APPLICATION

Sir:

This application claims priority to U. S. Provisional Application Serial No. 60/255,615 (Atty. Dkt No. 00P9072US) filed December 14, 2000; U.S. Serial No. 60/255,614 (Atty. Dkt. 00P9073US) filed December 14, 2000; and U.S. Serial No. 60/255,613 (Atty. Dkt. No. 00P9074) filed December 14, 2000.

Transmitted herewith for filing is the patent application of:

Inventor(s): Markus Loecher, Christian J. Darken

For: METHOD AND APPARATUS FOR PROVIDING A POLYNOMIAL BASED VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME PREDICTION OF A SYSTEM

This application includes:

11 pages of specifications, including claims and abstract
1 title page
2 sheets of drawings, formal/X informal containing 2 Figures

Also enclosed is:

 Declaration and Power of Attorney
 An assignment of the invention to Siemens Corporate Research, Inc..
 A certified copy of a application.
 Information Disclosure Statement pursuant to 37 CFR 1.56.

The filing fee has been calculated as shown below:

| FOR: | (Col. 1) NO. FILED | (Col. 2) NO. EXTRA | OTHER THAN A SMALL ENTITY RATE FEE |
|--|-----------------------|-----------------------|---------------------------------------|
| BASIC FEE | XXXXXXXXXX | XXXXXXXXXX | \$ 740 |
| TOTAL CLAIMS | 16 - 20 = | x \$ 18 = | \$ |
| INDEP CLAIMS | 4 - 3 = | 1 x \$ 84 = | \$ 84 |
| * MULTIPLE DEPENDENT CLAIM PRESENTED +\$ 280 = | | | \$ |
| | | | TOTAL \$ 824 |

Please charge my Deposit Account No. 19-2179 in the amount of \$ 824 duplicate copy of this sheet is enclosed.

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Any patent application processing fees under 37 CFR 1.17.

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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Dated: December 14, 2001

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**APPLICATION FOR LETTERS PATENT
OF THE UNITED STATES**

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TITLE OF INVENTION:

METHOD AND APPARATUS FOR PROVIDING A POLYNOMIAL BASED VIRTUAL AGE ESTIMATION FOR REMAINING LIFETIME PREDICTION OF A SYSTEM

TO WHOM IT MAY CONCERN, THE FOLLOWING IS
A SPECIFICATION OF THE AFORESAID INVENTION